

## Notes - Percent Savings (% Change)

$$\text{Percent Savings} = \frac{\overset{\text{savings}}{\text{change}}}{\text{original}} = \frac{\text{original} - \text{sale price}}{\text{original}} \times 100$$

More decimal right 2

Ex 1: Jeans that were originally \$50 are on sale for \$35. What is the percent savings?

$$\frac{50 - 35}{50} = \frac{15}{50} = .3 \Rightarrow 30\%$$

Ex 2: What % sale do I need if I want to buy a \$70 pair of shoes for \$40?

$$\frac{70 - 40}{70} = \frac{30}{70} = .43 \Rightarrow 43\%$$